IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the present Application are shown below whether or not an amendment has been made.

1. **(Currently Amended)** A method for dynamically controlling frame retransmissions over a wireless link, comprising:

in response to at least unsuccessfully receiving a frame for a packet from a wireless link, determining a position of the frame in a set of related frames that form the packet;

determining an allowed number of retransmissions for the frame based on the position of the frame in the set of related frames, **wherein the allowed number of retransmissions for the frame increases as the position of the frame in the set of related frames increases**; and

requesting retransmission of the frame up to the allowed number of retransmissions.

2. **(Canceled)**

3. **(Original)** The method of Claim 1, wherein the set of related frames comprises all frames for the packet.

4. **(Original)** The method of Claim 1, wherein the set of related frames comprises a set of successfully received frames for the packet.

5.   **(Previously Presented)**   The method of Claim 1, wherein the allowed number of retransmissions comprises:

a first allowed number of retransmissions if the frame is in a first subset of frames in the set of related frames;

a second allowed number of retransmissions if the frame is in a second subset of frames in the set of related frames; and

a third allowed number of retransmissions if the frame is in a third subset of frames in the set of related frames.

6.   **(Original)**   The method of Claim 1, wherein the number of retransmissions is further based on quality of a link over which the frame was transmitted.

7.   **(Currently Amended)**   A system for dynamically controlling frame retransmissions over a wireless link, comprising:

means, in response to at least unsuccessfully receiving a frame for a packet from a wireless link, for determining a position of the frame in a set of related frames that form the packet;

means for determining an allowed number of retransmissions for the frame based on the position of the frame in the set of related frames, **wherein the allowed number of retransmissions for the frame increases as the position of the frame in the set of related frames increases**; and

means for requesting retransmission of the frame up to the allowed number of retransmissions.

8.   **(Canceled)**

9.   **(Original)**   The system of Claim 7, wherein the set of related frames comprises all frames for the packet.

10.   **(Original)**   The system of Claim 7, wherein the set of related frames comprises a set of successfully received frames for the packet.

11.   **(Previously Presented)**   The system of Claim 7, wherein the allowed number of retransmissions comprises:

a first allowed number of retransmissions if the frame is in a first subset of frames in the set of related frames;

a second allowed number of retransmissions if the frame is in a second subset of frames in the set of related frames; and

a third allowed number of retransmissions if the frame is a third subset of frames in the set of related frames.

12.   **(Original)**   The system of Claim 7, wherein the number of retransmissions is further based on quality of a link over which the frame was transmitted.

13.   **(Currently Amended)**   A system for dynamically controlling frame retransmissions over a wireless link, comprising:

logic encoded in media; and

the logic operable for a frame unsuccessfully received over a wireless link to determine a position of the frame in a set of related frames that form a packet to which the frame belongs, to determine an allowed number of transmissions for the frame based on the position of the frame in the set of related and to request retransmission of the frame up to the allowed number of retransmissions**, the logic further operable to increase the allowed number of retransmissions for the frame as a position of the frame increases in the set of related frames**.

14.   **(Canceled)**

15.   **(Original)**   The system of Claim 13, wherein the set of related frames comprises all frames for the packet.

16.   **(Original)**   The system of Claim 13, wherein the set of related frames comprises a set of successfully received frames for the packet.

17.   **(Previously Presented)**   The system of Claim 13, wherein the allowed number of retransmissions comprises:

a first allowed number of retransmissions if the frame is in a first subset of frames in the set of related frames;

a second allowed number of retransmissions if the frame is in a second subset of frames in the set of related frames; and

a third allowed number of retransmissions if the frame is in a third subset of frames in the set of related frames.

18.   **(Original)**   The system of Claim 13, wherein the number of retransmissions is further based on quality of a link over which the frame was transmitted.

19.   **(Withdrawn)** A method for transmitting information over a wireless link, comprising:

receiving a packet of information;

segmenting the packet into a set of related radio frames;

identifying the packet in each frame of the set;

transmitting the frames over a wireless link; and

wherein a device receiving the frames over the wireless link is operable to associate the frames with a packet based on the identifier, to determine a relative position of a frame having a transmission error within the set of frames for the packet and to dynamically adjust a number of retransmissions for the frame based on the position of the frame in the set of frames for the packet.

20.   **(Withdrawn)** The method of Claim 19, the device further operable to dynamically adjust the number of retransmissions based on a link quality threshold.

21.   **(Withdrawn)** A mobile communication device, comprising:

a wireless interface operable to receive code division multiple access (CDMA) frames transmitted over a wireless link;

a processor operable to identify a packet to which each frame corresponds based on information in the frames; and

the processor operable to request retransmission of a first frame for a packet up to an allowed number of retransmissions that is less than that for a later frame for the packet.

22.   **(Currently Amended)**   A method for dynamically controlling frame retransmissions over a wireless link, comprising:

in response to unsuccessfully receiving a code division multiple access (CDMA) frame for an Internet protocol (IP) packet from a wireless link, determining a position of the CDMA frame in a set of related frames that form the IP packet**, wherein the position of the CDMA frame in the set of related frames comprises a number of the CDMA frame in all frames for the IP packet**;

determining an allowed number of retransmissions for the CDMA frame based on the position of the CDMA frame in the set of related frames for the IP packet; ~~and~~

requesting retransmission of the CDMA frame up to the allowed number of retransmissions**; and**

increasing the allowed number of retransmissions for the CDMA frame as the number of the CDMA frame in the IP packet increases.

23.   **(Canceled)**

24.   **(Previously Presented)**   The method of Claim 22, wherein the allowed number of retransmissions comprises the number of the CDMA frame in a set of successfully received CDMA frames for the IP packet if the position of the CDMA frame is in the set of related frames, further comprising increasing the allowed number of retransmissions of the CDMA frame as the number of successfully received CDMA frames for the IP packet increases.

25.   **(Original)**   The method of Claim 22, further comprising determining the allowed number of retransmissions based on a link quality threshold.